

**Workstation Video Cable Installation Information for:**

BC23K(Mono) Video Cable  
BC23J(Color) Video Cable  
BC19S(Color) Video Cable  
EK-391AA-IS-001

**IMPORTANT- READ THIS FIRST**

The three video cable kits can be used with many workstation configurations and a wide range of monitors. To meet the requirements of various monitors, two attaching thumbscrews of different lengths are supplied with the BC23J and BC19S (the BC23K comes with only the shorter thumbscrew). The attaching point on the monitor for the cable kit is the cable junction block near the video input BNC connectors. If there is an attaching point on the back of your monitor, use a thumbscrew to connect the video cable. Please refer to Section 1 to determine which length thumbscrew to use.

If the monitor does not have an attaching point for a thumbscrew, the universal strain relief strap(USRS) will be used with the video cable. Please follow the steps in Section 2 to attach the universal strain relief strap to the video cable.

**1. DETERMINING WHICH LENGTH THUMBSCREW TO USE**

If you are replacing an existing video cable, use the same length thumbscrew found in the cable you are replacing. VR290 monitors require the longer thumbscrew. The VR150, VR160, VR260, VR262, and VR299 monitors require the shorter thumbscrew.

**1.1 INSTALLING THE CABLE KIT IN A NEW INSTALLATION**

**CAUTION**

If you are not sure which is the proper length thumbscrew to use, try inserting the shorter thumbscrew first. The longer thumbscrew may damage a monitor that is designed for the shorter thumbscrew. If the short thumbscrew does not firmly attach the cable to the monitor, then the longer thumbscrew is required.

\*\*\*Insert the thumbscrew into the hole in the top side of the cable junction block. The top side of the cable junction block is not dimpled and has the larger of two holes for the thumbscrew.

\*\*\*Attach the thumbscrew to the bracket or threaded hole near the video connectors on the monitor, being careful not to overtighten.

Figure 1B shows the video cable attached to the monitor using a thumbscrew.

## 1.2 THUMBSCREW MEASUREMENTS

BC23J/K Cable Kits	BC19S Cable Kits
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Long:1.75in.(4.5cm)	Long:2.25in(5.8cm)
Short:1.36in (3.5 cm)	Short:1.83in(4.8cm)
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## 2. ATTACHING THE UNIVERSAL STRAIN RELIEF STRAP TO THE VIDEO CABLE

1.Insert the three BNC connectors and cable junction block of the video cable through the center slot of the universal strain relief strap, making sure the strap is under the cable junction block. The bottom side of the cable junction block has the smaller of the two screw holes and is dimpled. The strap should lie against this side of the cable junction block.

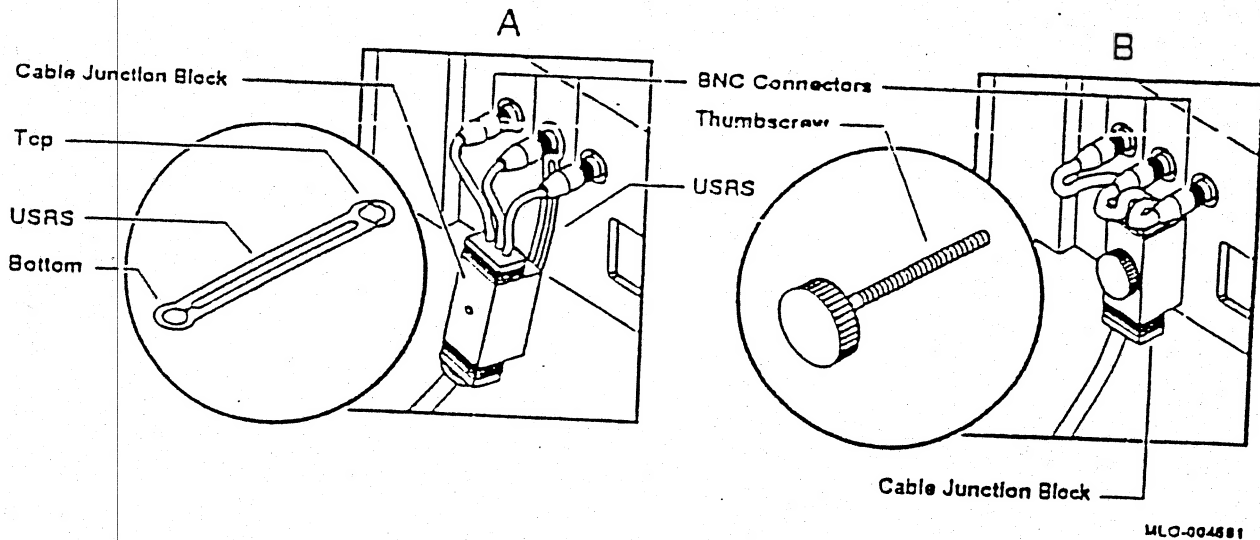
2.Pull the video cable into the slotted hole at the bottom end of the universal strain relief strap. Bring the strap flush with the cable junction box.

3.Align the center BNC connector (green) with the two key slots of the closed hole at the top end of the universal strain relief strap, and snap the BNC connector into the hole.

4.Follow the instructions in your monitor guide to attach the BNC connectors to the back of the monitor.

Figure 1A shows a video cable attached to the back of a monitor using a universal strain relief strap.

FIGURE 1: CONNECTING THE VIDEO CABLE TO THE MONITOR



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"The Color Video Cable assembly comes with two different length knobs to attach the cable to the Monitor. Use the longer knob for VR290 Color Monitor and the shorter knob to attach the cable to the shelf on the back of the VR160 Monitor. If you have a system with Greyscale capabilities, you will need to use the short knob to attach the cable assembly to the Monochrome Monitor."

